

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for determining the level of glucose in the blood of an individual comprising:
  - (i) obtaining a sample of hair or urine from said individual, said sample being a non-blood sample but containing blood components:
  - (ii) determining the volume of blood in the obtained sample by measuring the level of ~~hemoglobin~~hemoglobin in said samples:
  - (iii) determining the amount of glucose in the sample or in the blood cells present in said non-blood sample; and
  - (iv) calculating the level of glucose in the blood of the ~~tested~~ individual based on the measurements in (iii) and (iv).

Claims 2 - 3 (Cancelled)

4. (Currently Amended) ~~A~~The method according to Claim 1, wherein said non-blood sample is a sample of hair obtained from said individual, the method comprising:

- (i) obtaining a sample of hair from said individual;

- (ii) determining the amount of blood and interstitial fluid, if present, in said obtained sample and if necessary, correcting variations between different hair samples;
- (iii) determining the level of glucose in said blood ~~and interstitial~~ and interstitial fluid, if present and
- (iv) calculating the level of glucose in the blood of the tested individual based on the measurements in (ii) and (iii).

5. (Currently Amended) ~~A~~ The method according to claim 4 wherein before stage (ii) said blood and interstitial fluid, if present, are first extracted from ~~the~~ a hair follicle of said obtained hair.

Claims 6 - 14. (Cancelled)